

NIH Biosafety Level 1 (BL1N) (Large Animals)

These questions are based on the Biosafety Level 1 (BL1N) section of the *NIH Guidelines for Research Involving Recombinant DNA Molecules*, March 1996 edition, Appendix Q-I, Q-III and Q-II-A.

Complete this section only if your laboratory works with large animal species (e.g., cattle, swine, sheep, goats, horses, poultry) of size or growth requirements that preclude use of laboratory animal containment facilities.

Please circle the response that best describes the facility in which work with select agents will be carried out.

N.A. = not applicable. If you mark "N.A.", please provide a brief explanation below that item or on a separate page.

Appendix Q-I. General Considerations

Appendix Q-I-A. Containment Levels

Yes, No, N.A. The containment levels required for research involving recombinant DNA associated with or in animals is based on classification of experiments in Section III, Experiments Covered by the NIH Guidelines.

Appendix Q-I-B. Disposal of Animals (BL1-N through BL4-N)

Yes, No, N.A. Appendix Q-I-B-1. When an animal covered by Appendix Q containing recombinant DNA or a recombinant DNA-derived organism is euthanized or dies, the carcass shall be disposed of to avoid its use as food for human beings or animals unless food use is specifically authorized by an appropriate Federal agency.

Yes, No, N.A. Appendix Q-I-B-2. A permanent record shall be maintained of the experimental use and disposal of each animal or group of animals.

Appendix Q-III. Footnotes and References for Appendix Q

Yes, No, N.A. Appendix Q-III-A. If recombinant DNA is derived from a Class 2 organism requiring BL2 containment, personnel shall be required to have specific training in handling pathogenic agents and directed by knowledgeable scientists.

Yes, No, N.A. Within work areas of the animal facility, all activities shall be confined to the specially equipped animal rooms or support areas.

Appendix Q-II-A-1. Standard Practices (BL1-N)

Appendix Q-II-A-1-a. Animal Facility Access (BL1-N)

Yes, No, N.A. Appendix Q-II-A-1-a(1). The containment area shall be locked.

Yes, No, N.A. Appendix Q-II-A-1-a(2). Access to the containment area shall be limited or restricted when experimental animals are being held.

Yes, No, N.A. Appendix Q-II-A-1-a(3). The containment area shall be patrolled or monitored at frequent intervals.

Appendix Q-II-A-1-b. Other (BL1-N)

- Yes, No, N.A. Appendix Q-II-A-1-b(1). All genetically engineered neonates shall be permanently marked within 72 hours after birth, if their size permits. If their size does not permit marking, their containers should be marked. In addition, transgenic animals should contain distinct and biochemically assayable DNA sequences that allow identification of transgenic animals from among non-transgenic animals.
- Yes, No, N.A. Appendix Q-II-A-1-b(2) A double barrier shall be provided to separate male and female animals unless reproductive studies are part of the experiment or other measures are taken to avoid reproductive transmission. Reproductive incapacitation may be used.
- Yes, No, N.A. Appendix Q-II-A-1-b(3). The containment area shall be in accordance with state and Federal laws and animal care requirements.

Appendix Q-II-A-2. Animal Facilities (BL1-N)

- Yes, No, N.A. Appendix Q-II-A-2-a. Animals shall be confined to securely fenced areas or be in enclosed structures (animal rooms) to minimize the possibility of theft or unintentional release.